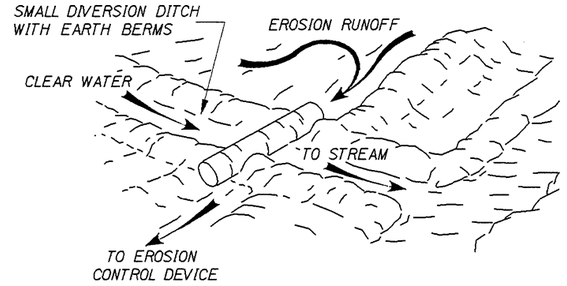
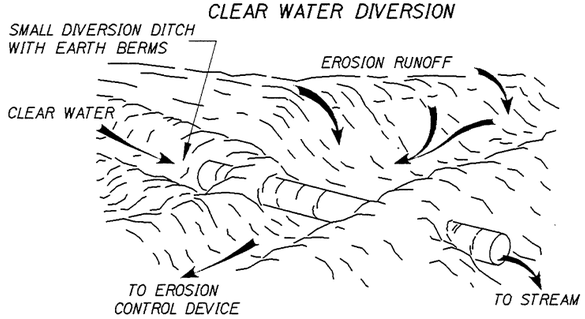
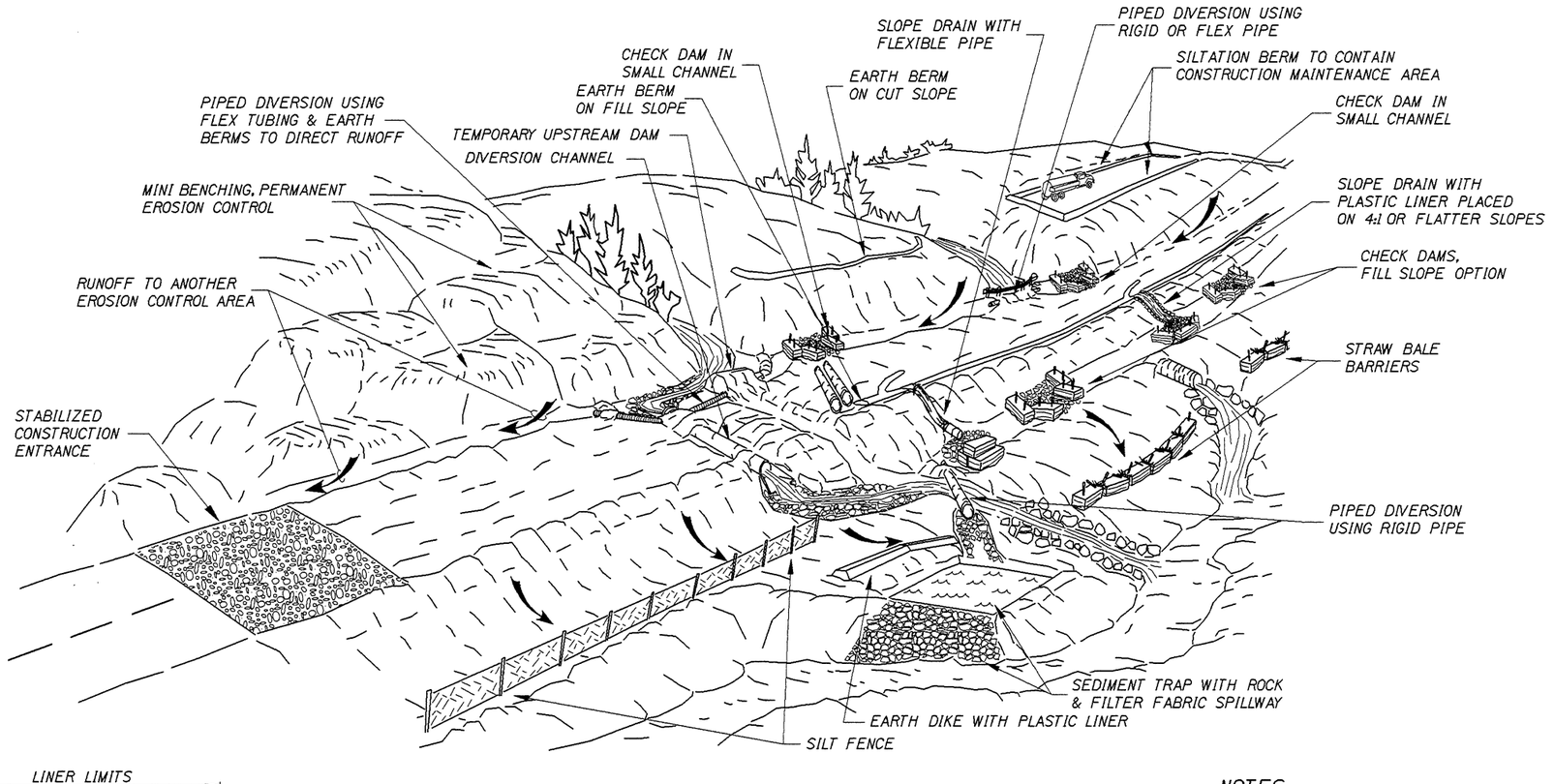


CLEAR WATER DIVERSION

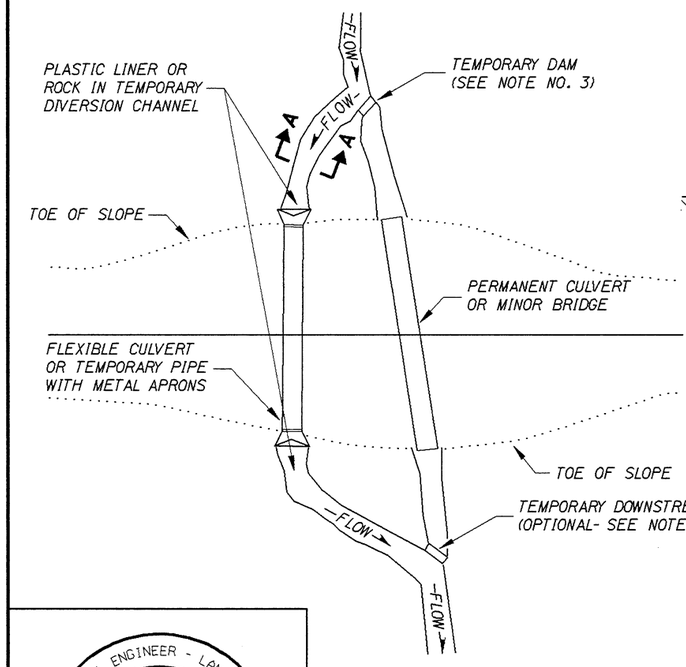


RUNOFF DIVERSION

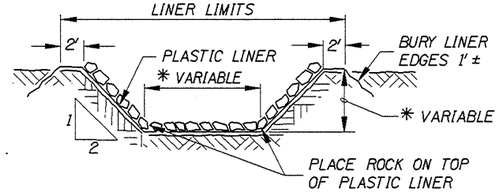
PIPED DIVERSIONS



SITE EXAMPLE

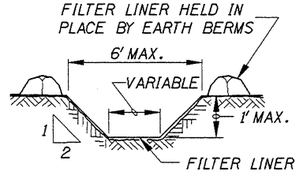


PLAN - DIVERSION CHANNEL



* CHANNEL/DITCH DIMENSIONS AS DETERMINED IN PLANS

SECTION A-A



TO BE USED ONLY FOR CLEAR WATER

SMALL DIVERSION DITCH TYPICAL

GENERAL NOTES FOR TEMPORARY EROSION CONTROL

1. ALL TEMPORARY EROSION CONTROL DEVICES SHOWN ON P-1 SERIES STANDARD DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE ITD CATALOG OF STORM WATER BEST MANAGEMENT PRACTICES (BMP's).
2. SITE DIMENSIONS, PLACEMENT, AND PAYMENT FOR TEMPORARY EROSION CONTROL DEVICES SHALL BE AS SET FORTH IN THE PLANS AND SPECIAL PROVISIONS.
3. THE NEED OF TEMPORARY EROSION CONTROL DEVICES SHALL BE DETERMINED BY SITE DESIGN. MODIFICATIONS TO THOSE INSTALLATIONS SHALL BE APPROVED BY THE ENGINEER.
4. TEMPORARY EROSION CONTROL DEVICES ARE NOT INTENDED TO LAST MORE THAN ONE SEASON (3 MONTHS) OR UNTIL THEY ARE INTEGRATED INTO A FINAL EROSION CONTROL SYSTEM.
5. AT THE END OF EACH DAYS WORK THE APPROPRIATE NUMBER AND COMBINATION OF TEMPORARY EROSION CONTROL DEVICES SHALL BE PLACED ON EACH DRAINAGE SYSTEM UNDER CONSTRUCTION.

NOTES

1. SEE THE GENERAL NOTES FOR TEMPORARY EROSION CONTROL.
2. DIVERSION CHANNELS SHALL BE CONSTRUCTED AT LOCATIONS AS SHOWN ON THE PLANS. THE CHANNEL DIMENSIONS, ALIGNMENT, AND FLOW GRADE SHALL BE DETERMINED BY DESIGN.
3. TEMPORARY DAM(S) FOR DIVERSION CHANNELS SHALL BE CONSTRUCTED OF SUBSTANTIAL MATERIALS AS TO CONTAIN THE EXISTING STREAM FLOW AND NOT PROMOTE FURTHER STREAM EROSION.
4. A TEMPORARY DAM SHALL BE USED TO DIVERT ALL WATER INTO THE DIVERSION CHANNEL. THE TEMPORARY DOWNSTREAM DAM IS OPTIONAL UPON THE PREVENTION OF WATER RETURNING TO THE UPSTREAM WORK AREA.
5. A PLASTIC LINER SHALL BE PLACED ALONG THE LENGTH OF AND WIDTH OF THE DIVERSION CHANNEL AS SHOWN IN SECTION A-A. PLASTIC LINER LAPS SHALL RUN TRANSVERSELY AND SHALL BE A MINIMUM OF 2 FEET. ALL EXTERNAL EDGES SHALL BE SECURED BY EARTH BERMS, ROCKS, OR OTHER SUITABLE MATERIALS.
6. PIPED DIVERSION DEVICES MAY BE A COMBINATION OF SMALL DITCHES, EARTH BERMS/DIKES, AND VARIOUS PIPE MATERIALS TO ACCOMPLISH THE DIVERSION. SMALL DIVERSION DITCHES ARE PRIMARILY FOR CLEAR WATER. WHEN A CLEAR WATER FLOW EXCEEDS 0.25 CUBIC FEET PER SECOND A STANDARD DIVERSION CHANNEL SHALL BE USED.
7. NOT TO SCALE.

PROFESSIONAL ENGINEER - LAND SURVEYOR REGISTERED
Milford L. Miller
2240
6-19-96
STATE OF IDAHO
MILFORD L. MILLER

REVISIONS

NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	9-93	MSM	○			○			○		
2	6-96	MSM	○			○			○		
○			○			○			○		
○			○			○			○		
○			○			○			○		

CADD FILE NO.
pld_0696.std

DRAWING DATE:
APRIL, 1993

IDAHO TRANSPORTATION DEPARTMENT
BOISE, IDAHO

CHIEF OF HIGHWAY OPERATIONS

CHIEF ENGINEER

STANDARD DRAWING

TEMPORARY EROSION CONTROL DIVERSION DEVICES & SITE EXAMPLE

REFER TO STD. DWG. P-1-E

FORM CATALOG NUMBER

STANDARD DRAWING NO.
P-1-D

SHEET 1 OF 1

RED OVERLAY FOR P-1-D